

ORIGINAL

September 8, 2004

Ms. Marlene Dortch  
Office of the Secretary  
Federal Communications Commission  
9300 East Hampton Drive  
Capitol Heights, MD 20743

RECEIVED & INSPECTED
SEP 30 2004
FCC - MAILROOM

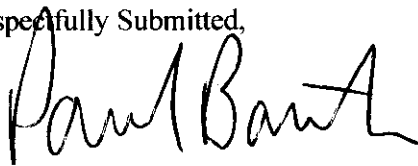
Re: Petition for Rule Making  
Redding, California

DOCKET FILE COPY ORIGINAL

Dear Ms. Dortch,

Enclosed is an original and four (4) copies of a Petition for Rule Making to amend the FM Table of Allotments to add Channel 221A at Redding, California.

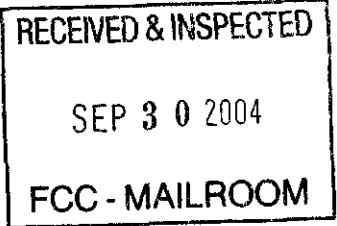
Respectfully Submitted,



Paul Barth  
PO Box 494430  
Redding, CA 96049  
530-209-8000

No. of Copies rec'd 0+4  
List ABCDE  
MB 04-169

Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554



In the Matter of )  
 )  
Amendment of Section 73.202(b), ) RM- \_\_\_\_\_  
Table of Allotments, )  
FM Broadcast Stations )  
(Redding, California) )

To: Chief, Allocations Branch  
Audio Division  
Media Bureau

PETITION FOR RULE MAKING

1. Paul Barth hereby petitions the Commission to amend the FM Table of Allotments to add Channel 221A at Redding, California, as follows:

<u>Community</u>	<u>Present</u>	<u>Proposed</u>
Redding, CA	247C, 251C, 282C	221A, 247C, 251C, 282C

2. As demonstrated by the attached Engineering Statement, Channel 221A can be assigned for use at Redding at reference coordinates located at the center of the community.

3. Redding is an incorporated city and is listed in the 2000 Census with a population of 80,865 persons. The official Redding city web site at <http://ci.redding.ca.us/demographics.html> lists a 2002 population of 84,600.

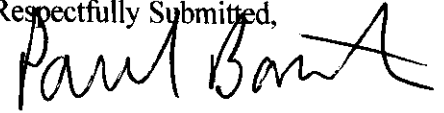
4. By previous action allotting FM channels to Redding, it has been sufficiently demonstrated that Redding qualifies as a community for allotment purposes. As demonstrated by the attached Engineering Statement, the allocation of Channel 221A at Redding will provide an additional aural service to 147,679 persons within the 60 dBu contour. Therefore, such action would serve the public interest.

5. Should this petition be granted and Channel 221A be allotted at Redding, Petitioner will file an application for Channel 221A. If that application is granted, Petitioner will promptly construct the new facility.

Page 2

6. The factual information provided in this Petition for Rule Making is correct and true to the best of my knowledge.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Paul Barth", with a stylized flourish at the end.

Paul Barth  
PO Box 494430  
Redding, CA 96049  
530-209-8000

JAMES B. HATFIELD, PE  
BENJAMIN F. DAWSON III, PE  
THOMAS M. ECKELS, PE  
STEPHEN S. LOCKWOOD, PE  
DAVID J. PINION, PE

PAUL W. LEONARD, PE  
ERIK C. SWANSON, EIT  
THOMAS S. GORTON, PE

HATFIELD & DAWSON  
CONSULTING ELECTRICAL ENGINEERS  
9500 GREENWOOD AVE. N.  
SEATTLE, WASHINGTON 98103

TELEPHONE  
(206) 783-9151  
FACSIMILE  
(206) 789-9834  
E-MAIL  
hatdaw@hatdaw.com

MAURY L. HATFIELD, PE  
CONSULTANT  
Box 1326  
ALICE SPRINGS, NT 5950  
AUSTRALIA

## **ENGINEERING STATEMENT**

**PETITION FOR RULEMAKING TO  
AMEND SECTION 73.202 OF THE RULES  
AND REGULATIONS FOR THE FEDERAL  
COMMUNICATIONS COMMISSION**

**TO ASSIGN FM CHANNEL 221A  
FOR USE AT REDDING, CALIFORNIA**

**PAUL BARTH**

**SEPTEMBER 2004**

## **Engineering Statement**

This Engineering Statement has been prepared on behalf of Paul Barth in support of a Petition for Rulemaking to amend §73.202 of the Commission's Rules to allot Channel 221A at Redding, California.

As a result of the proposed reallocation plan, Redding (an incorporated city with a 2000 Census population of 80,865) will receive an additional local service. A total of 147,679 persons will receive an additional aural service.

### **Channel 221A at Redding**

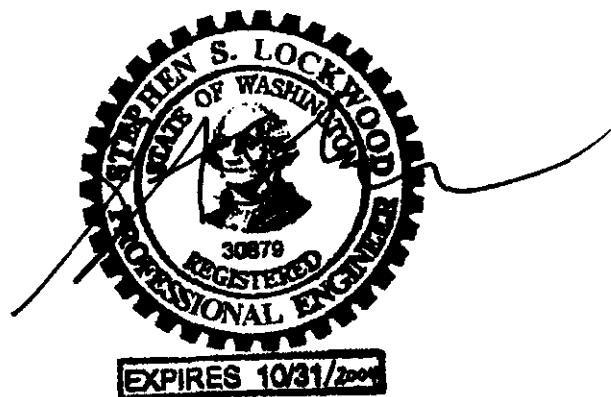
As outlined in the attached channel study, Channel 221A can be assigned for use at Redding in compliance with the Commission's applicable Rules and Regulations regarding the separation among FM allotments. Reference coordinates for Redding are N40-35-11 x W122-23-26.

Hatfield & Dawson Consulting Engineers

### Statement of Engineer

This Engineering Statement supporting a Petition for Rulemaking to revise the Table of Allotments at Redding, California, has been prepared by Erik C. Swanson under my direct supervision. All representations herein are true to the best of my knowledge. I am an experienced radio engineer whose qualifications are a matter of record with the Federal Communications Commission. I am a partner in the firm of Hatfield & Dawson Consulting Engineers and am Registered as a Professional Engineer in the States of Washington and Alaska.

Signed this 8<sup>th</sup> day of September, 2004.



Stephen S. Lockwood, P.E.

A handwritten signature in black ink, appearing to read "Erik C. Swanson".

Erik C. Swanson

Hatfield & Dawson Consulting Engineers

## =====

## SEARCH PARAMETERS

FM Database Date: 040827

Page 1

Channel: 221A 92.1 MHz  
 Latitude: 40 35 11  
 Longitude: 122 23 26  
 Safety Zone: 32 km  
 Job Title: REDDING 221A

Call Status	City St	FCC File No.	Channel Freq.	ERP(kW) HAAT(m)	Latitude Longitude	Bearing deg-True	Dist (km)	Req (km)
=====	=====	=====	=====	=====	=====	=====	=====	=====
KKRO LIC	REDDING CA	BLED-021119ABO	218A 91.5	0.290 315.0	40-46-43 121-50-00	65.4	51.72 20.72	31 CLEAR
KCHO LIC	CHICO CA	BLED-860514KD	219B 91.7	7.700 372.0	39-57-30 121-42-48	140.3	90.45 21.45	69 CLEAR
K220EB LIC	BURNEY CA	BLFT-940729TB	220D 91.9	0.010 694.0	40-52-30 121-46-12	58.3	61.44 0.00	0 TRANS
K220EC CP	DUNSMUIR, ETC. CA	BPFT-930129TD	220D 91.9	0.010 698.0	41-13-30 122-18-00	6.1	71.33 0.00	0 TRANS
960503MGMCCLOUD APP	CA	BPED-960503MG	220A 91.9	0.100 57.0	41-17-30 122-14-21	9.2	79.35 7.35	72 CLOSE
950210MAMCCLOUD APP	CA	BPED-950210MA	220A 91.9	0.035 724.0	41-20-43 122-11-42	10.9	85.87 13.87	72 CLEAR
K220IR LIC	WEAVERVILLE CA	BLFT-031110AKM	220D 91.9	0.010 781.0	40-39-14 122-31-13	304.5	13.29 0.00	0 TRANS
K220IR APP	WEAVERVILLE CA	BPFT-040614AAJ	220D 91.9	0.010 781.0	40-39-14 122-31-13	304.5	13.29 0.00	0 TRANS
NEW-T APP	CORNING CA	BNPFT-030317GMP	221D 92.1	0.050 1246.0	39-53-17 122-37-38	194.6	80.11 0.00	0 TRANS
K221BK LIC	ETNA CA	BLFT-900129TO	221D 92.1	0.037 847.0	41-44-14 122-46-36	346.0	131.85 0.00	0 TRANS
K221DG LIC	QUINCY, ETC. CA	BLFT-880902TD	221D 92.1	0.048 115.0	39-56-26 120-55-40	119.6	143.62 0.00	0 TRANS
ADD	REDDING CA	RM-bg-90	221A 92.1	0.000 0.0	40-34-35 122-22-12	122.6	2.06 -112.94	115 SHORT
KRED-FM LIC	EUREKA CA	BLH-910531KB	222C1 92.3	25.000 469.0	40-43-37 123-58-25	277.2	134.79 1.79	133 CLOSE
KLVB LIC	RED BLUFF CA	BMLD-001109ABP	274C2 102.7	5.500 431.0	40-20-41 121-56-48	125.4	46.23 31.23	15 CLEAR

===== END OF FM SPACING STUDY FOR CHANNEL 221 =====

